

R2 MARIA Waste Water Assessment Form v1.0

Submitted By: elizabeth.wolfe_EPA

Submitted Time: 10/12/17 5:41 PM

Assessment Information

Assessment Date

Oct 11, 2017

Type of Evaluation

On-Site Visit

Assessment By (EPA Representative):

Alex Sherrin

Assessor Phone

617-223-1368

Facility Information

Facility Name

AES Puerto Rico

Physical Address

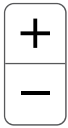
Carr. #3, Km 142.0, Guayama, PR 00784

NPDES

PRR053093

Acquired Location

Lat: 17.947 Lon: -66.15



Latitude (manual)

17.94949

Longitude (manual)

-66.15004

Point of Contact

Point of Contact

Manuel Mata

Title

President

Phone (landline)

787-866-8117

Phone (mobile)

787-866-3661

Email Address

manuel.mata@aes.com

Damage Assessment**Was System Point of Contact available in Person/on phone?**

Yes

Do they have power?

No

Running on a Backup Generator?

No

If a generator is supplying alternative power, How long can the generator continue operations on the current fuel supply?

Have portable generators if they need to run pumps, but water collected by gravity.

What is the Fuel Source?

Other

Other Fuel Source

Generators only running admin building at moment, normally powered by power plant onsite

Is the facility structurally sound?

Yes

Is there flooding of the primary/secondary tanks??

No

Is there Flooding of collection system(e.g. pump system)?

No

What is the treatment now?

- Primary Treatment

Are there any Bypasses?

No

Are you aware of any combined sewer overflows in the system?

No

Is the collection system working?

Yes

Facility Status**Do you need Assistance?**

Yes

What assistance do you need?

Just need power. Water is collected by gravity, no damage or flooding to system. Have emergency power and portable generators if power is needed to run pumps. Sulfuric acid (500 gallons) and caustic and hypochlorite for water treatment. Makeup pond full!

Current Overall Status

Non-Operational

Additional Comments (include any safety issues here)

Waste water treatment on site, zero process water discharge. Secondary treatment is reverse osmosis, no chlorine. Groundwater wells outside of facility should be checked by security. Stormwater discharge outfall looks clean. ZLD dike needs repair.

Photos

Site photos (up to 5).



SM_A5-20171012-151305.jpg

Require more photos?

Yes

Photo 2 of IC



SM_PHOTO_2-20171012-151441.jpg

Require more photos?

Yes

Photo 3 of IC



SM_PHOTO_3-20171012-152558.jpg

Require more photos?

Yes

Photo 4 of IC



SM_PHOTO_4-20171012-153703.jpg

Require more photos?

Yes

Photo 5 of IC



SM_PHOTO_5-20171012-160656.jpg

Additional Comments about these photos.

1. Outfall 002. 2. Stormwater drainage around aggregate pile. 3. Stormwater draining off coal pile into pond (discharged to makeup pond for facility use). 4. Coal pile holding pond. 5. Storm water pond.